

Title (en)

PITCH-DERIVED CARBON FIBERS, MAT, AND MOLDED RESIN CONTAINING THESE

Title (de)

PECHBASIERTE CARBONFASERN SOWIE SIE ENTHALTENDE MATTE UND FORMKÖRPER

Title (fr)

FIBRES DE CARBONE DERIVEES DU BRAI, MAT ET RESINE MOULEE CONTENANT CES FIBRES DE CARBONE

Publication

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Application

EP 06732108 A 20060413

Priority

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- JP 2005156894 A 20050530

Abstract (en)

[origin: EP1873283A1] To provide a carbon fiber reinforcement having excellent thermal conductivity and mechanical properties which is manufactured by mixing together two different types of pitch-based carbon short fibers having a ratio of the degree of filament diameter distribution to average fiber diameter of 0.05 to 0.2 and a fiber length of 20 to 6,000 µm which differ from each other in average fiber diameter or by mixing one of them with a pitch-based carbon fiber web to improve dispersibility into a matrix resin or increase the dispersion ratio of the pitch-based carbon short fibers.

IPC 8 full level

D01F 9/145 (2006.01); **C08J 5/04** (2006.01); **C08K 7/06** (2006.01); **C08L 101/00** (2006.01); **D04H 1/4242** (2012.01)

CPC (source: EP KR US)

C08J 5/04 (2013.01 - EP US); **C08K 7/06** (2013.01 - KR); **C08L 101/00** (2013.01 - KR); **D01F 9/145** (2013.01 - EP KR US); **D04H 1/42** (2013.01 - EP US); **H01L 23/373** (2013.01 - EP US); **C08K 7/06** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US); **H05K 3/4641** (2013.01 - EP US); **Y10T 428/249928** (2015.04 - EP US); **Y10T 428/24994** (2015.04 - EP US); **Y10T 428/249945** (2015.04 - EP US); **Y10T 428/249957** (2015.04 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/2918** (2015.01 - EP US); **Y10T 428/30** (2015.01 - EP US)

Cited by

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